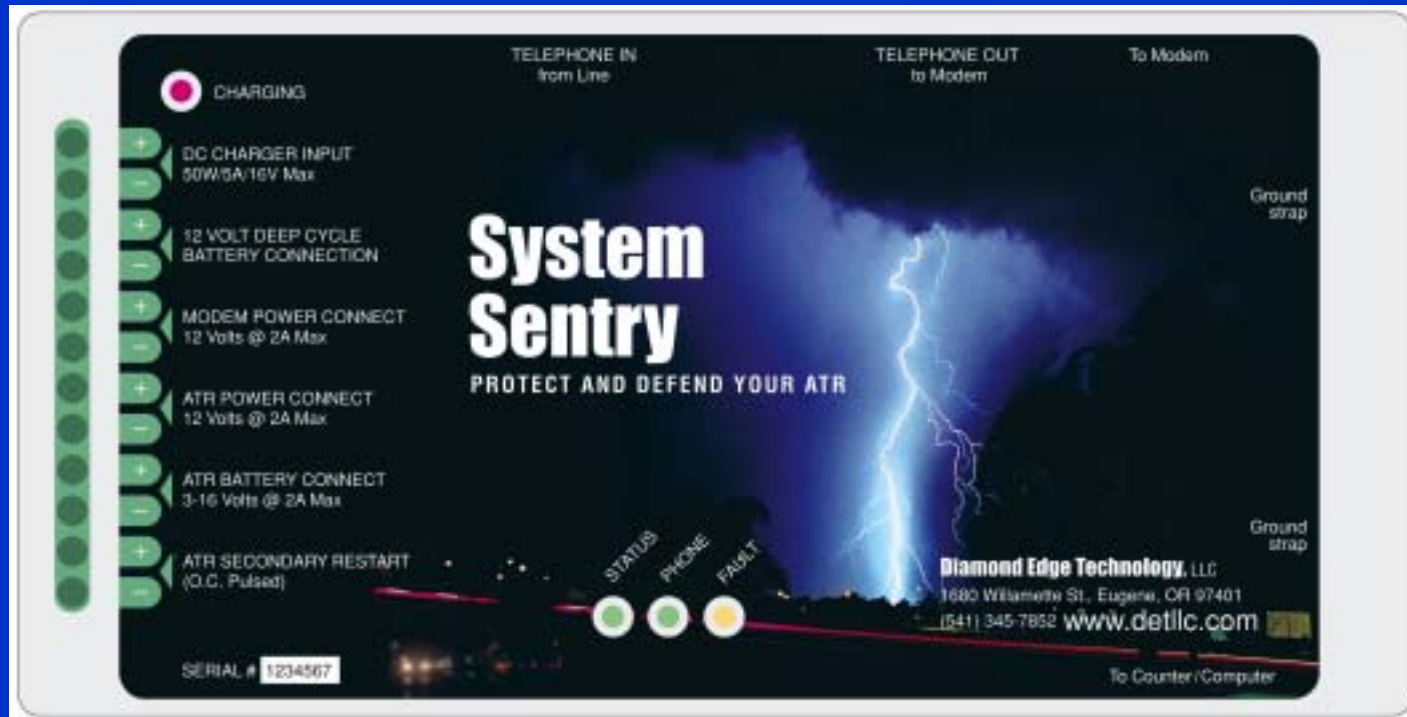# System Sentry

Protect and Defend Your ATR

1. Help's prevent sites from going down.

2. If site should fail, provides the tools to remotely restart and repair site problems without leaving your desk!

3. Advanced warning and control over your entire ATR power system.

Prevent Site Failures With:

1. State-of-the-art Lightening, ESD, & EMI protection.

2. Protection for your Solar/DC Charger circuit, batteries, Telephone, and RS232 connections.

3. Status, Charge, Phone, and Fault LED's provide immediate feedback for correct site installation.

4. Ultra-low power (less than 2ma) and auto-reset insures System Sentry stays working even when batteries don't.

5. Automatically disconnect phone line when lack of activity.

6. Advanced optically-isolated relays, auto resetting fuses, and Trisil type over-voltage devices provide maximum equipment protection.

Fix Site Problems From Your Desk!

1. Automatically powers modem off, on, and reinitializes if it detects 10 or more rings without modem answering.

2. Can power the traffic counter off, on, and allow you to reinitialize it in worst case scenarios.

3. *Smart Power Tool* detects possible future failures (such as a solar panel getting covered in snow or a battery failing) and can call you and issue an email alert days or weeks in advance of failure.

4. Works seamlessly with **S³** to provide the most advanced and easy to use ATR site management tool.

5. Limit costly trips and maximize your ATR investment!

Advanced ATR Power Management:

1. Records current and voltage measurements between all devices (ATR, 12V Battery, Modem, Solar Charger, ATR Internal Battery) and internal cabinet temperature.

2. Average stored in internal memory in 5 minute intervals.

3. Can hold more than 1 year of data before downloading (if desired). Great for historical comparison of operation.

4. Modem power control can power modem continuously or only during specific times. Can also disable modem until first ring is detected.

5. Intelligently predicts battery life and capacity to reduce expenses in replacing batteries unnecessarily. Will recommend possible changes & upgrades.

Real Time View of Power System:

Other System Sentry Specs:

1. Works with any make and model of counter/classifier, modem, battery, and solar charger (*not all features may be available with all models).

2. Completely transparent to existing equipment. Will not interfere with normal operation.

3. Supports solar panels/DC Chargers up to 50W.

4. Convenient central grounding point for power system.

5. Available Q4/2002

S³

Next-Generation Autopolling Software

General S³ Specifications:

1. Advanced Windows based autopolling and System Sentry communication software.

2. Replaces existing TT-Link, Telecom, and TDP software.

3. Autopolling for all Diamond, IRD TCC-540, and most Peek 241 and ADR Counters. Plans to add additional counter support as requested.

4. Zone based polling and management.

5. Front-end data integrity checking and reporting with easy to use charts showing each site's data status.

6. Works with TrafMan and new Centurion Products.

7. Beta-release Q3/2002. Full-release Q4/2002

Station Database:

System Sentry Software

File   Stations   System Sentry   Tools   Help

Zone	Station ID	Phone Number	Baud Rate	Call Using Modem
3	034100000000	#88,800166,516-365-1683	2400	Microcom Deskport (Cell Config)
1	114100000000	9,723-3359	2400	Microcom Deskport (Land Line)
1	114600000000	9,412-1344	2400	Microcom Deskport (Land Line)
1	123100000000	#88,800166,518-525-6228	9600	Microcom Deskport (Land Line)
1	128000000000	#88,800166,518-362-9922	9600	Microcom Deskport (Cell Config)
1	133500000000	#88,800166,518-912-2223	2400	Microcom Deskport (Land Line)
1	135100000000	9,711-2255	2400	Microcom Deskport (Land Line)
1	139900000000	#88,800166,518-789-5770	4800	US Robotics D-Modem (Fast Link)
1	147000000000	9,213-9283	19200	US Robotics D-Modem (Fast Link)
1	218000000000	#88,800166,518-761-8505	19200	Microcom Deskport (Land Line)
1	218200000000	#88,800166,518-125-2403	9600	Microcom Deskport (Land Line)
1	233100000000	#88,800166,315-824-9101	9600	Microcom Deskport (Cell Config)
2	328000000000	#88,800166,325-311-4662	19200	US Robotics D-Modem (Fast Link)
2	331100000000	#88,800166,315-644-8113	9600	Microcom Deskport (Cell Config)
2	418000000000	9,348-9125	2400	Microcom Deskport (Land Line)
1	710000000000	#88,800166,518-218-3839	9600	Microcom Deskport (Cell Config)
1	730000000000	#88,800166,325-619-0412	1200	Microcom Deskport (Land Line)
1	738000000000	#88,800166,325-416-1472	9600	Microcom Deskport (Cell Config)

All Zones

Modem Setup

User Configurable Map View:

S³ *and*
System Sentry…

Tools for the real world of data collection.